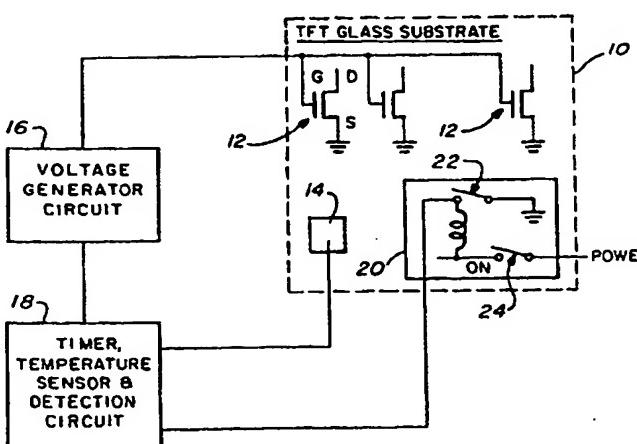


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(54) Title: APPARATUS FOR RECOVERY OF THRESHOLD VOLTAGE SHIFT IN AMORPHOUS SILICON THIN-FILM TRANSISTOR DEVICE			
			
(57) Abstract			
<p>An apparatus is provided for recovery of a threshold voltage, V_{th}, of thin-film amorphous silicon transistors (12) deposited on a substrate (10) and a gate voltage is applied to each of the transistors (12) during use, causing V_{th} to shift with time. The apparatus detects when the LCD display (10) is not being used, generates a voltage V_g' of opposite polarity with respect to V_g when the LCD display is not being used, and applies V_g' to the gates of the transistors (12) of the LCD display (10) for causing V_{th} to shift in a direction opposite to that caused by V_g, thereby maintaining an effective driving voltage for the transistor (12) of the LCD display (10).</p>			

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